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**FACSIMILE COVER SHEET**

**DATE:** April 6, 2006  
**TO:** Commissioner for Patents  
**COMPANY OR FIRM:** USPTO  
**FACSIMILE NO.:** (571) 273-8300  
**FROM:** Margaret A. Pruitt for Chandran Kumar Reg. No. 48,679  
**REFERENCE:** Serial No.: 10/783,471  
Atty. Docket No. 564-27679-USCP  
Deposit Account: 02-0429(564-27679-USCP)

**NUMBER OF PAGES INCLUDING THIS COVER SHEET:** 20

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**Enclosed are the following documents for filing:**

- 1. Response to Office Action mailed January 6, 2006.**

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Margaret A. Pruitt

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PTO/SB/21 (09-04)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/783,471	
	Filing Date	February 20, 2004	
	First Named Inventor	Peter Aronstam et al.	
	Art Unit	3672	
	Examiner Name	Frank Tsay	
Total Number of Pages in This Submission	20	Attorney Docket Number	564-27679-USCP

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  1. Response to Non-final Office Action dated January 6, 2006.
<b>Remarks</b>  The Commissioner is authorized to charge any underpayment or credit any overpayment to:  Deposit Account No. 02-0429 (564-27679-USCP).		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Madan, Mossman & Sriram P.C.	
Signature		
Printed name	Chandran D. Kumar	
Date	April 6, 2006	Reg. No. 48,679

CERTIFICATE OF TRANSMISSION/MAILING			
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Signature			
Typed or printed name	Margaret A. Pruitt	Date	April 6, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Peter Aronstam et al.

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Group Art Unit: 3672

SERIAL NO.: 10/783,471

FILED: February 20, 2004

Examiner: Frank Tsay

TITLE: "Active Controlled Bottomhole  
Pressure System and Method"

Atty Docket No.: 564-27679-USCP

**MS: Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**RESPONSE TO NON-FINAL OFFICE ACTION DATED JANUARY 6, 2006**

This is in response to the Office Action, dated January 6, 2006 for the above-identified patent application.

Amendments to the Claims begin at page 2.

Remarks begin at page 14.